

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03422

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03G3/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | US 6 064 265 A (KIM MIN KUN ET AL) 16 May 2000 (2000-05-16) column 2, line 35 - line 46 column 1, line 16 - line 25; figure 3 | 1, 12, 15 |
| A | US 2001/020872 A1 (MIYAZAWA NAUYUKI) 13 September 2001 (2001-09-13) figure 3 | 1, 12 |
| A | US 5 880 635 A (SATO NAOTAKA) 9 March 1999 (1999-03-09) the whole document | 4-7 |
| A | US 2001/030580 A1 (CANYON JAMES C ET AL) 18 October 2001 (2001-10-18) page 2, paragraph 0029 - paragraph '0033!; figures 2, 8 | 1, 12 |

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

10 October 2003

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20/10/2003

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
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| US 2001020872 | A1 | 13-09-2001 | JP 2001257540 A | 21-09-2001 |
| US 5880635 | A | 09-03-1999 | NONE | |
| US 2001030580 | A1 | 18-10-2001 | US 2003090325 A1 | 15-05-2003 |

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